

**CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
INVOLVED IN DNA REPLICATION, PROTEIN SYNTHESIS, AND
PATHOGENESIS**

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Abstract of the Disclosure

Isolated nucleic acid molecules, designated RRP nucleic acid molecules, which
encode novel RRP proteins from *Corynebacterium glutamicum* are described. The
invention also provides antisense nucleic acid molecules, recombinant expression
10 vectors containing RRP nucleic acid molecules, and host cells into which the expression
vectors have been introduced. The invention still further provides isolated RRP
proteins, mutated RRP proteins, fusion proteins, antigenic peptides and methods for the
improvement of production of a desired compound from *C. glutamicum* based on
genetic engineering of RRP genes in this organism.

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